

**CERTIFICATE OF MAILING**

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date 9/25/03 in an envelope as "Express Mail Post Office to Addressee" mailing label Number ER131624803US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary E. Anza

(typed or printed name of person mailing paper)

Mary E. Anza

(Signature of person mailing paper)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Jerry D. Burchfiel

For : SYSTEMS AND METHODS FOR IMPLEMENTING VECTOR MODELS FOR ANTENNA COMMUNICATIONS

Filed: : Herewith

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

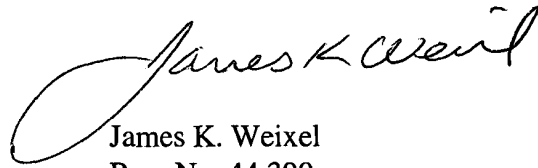
Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents.

Applicant does not intend to represent that the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant requests that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James K. Weixel". The signature is fluid and cursive, with a large loop at the beginning.

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<b>INFORMATION DISCLOSURE CITATION</b>  PTO-1449				ATTORNEY'S DKT No. 02-4115		APPLICATION No. Not yet assigned	
				APPLICANT Jerry D. Burchfiel			
				FILING DATE Filed herewith		GROUP Not yet assigned	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes   No	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	Copy of U.S. Serial No. 10/355,556, filed on January 31, 2003; Jason Keith Redi et al.; SYSTEMS AND METHODS FOR THREE DIMENSIONAL ANTENNA SELECTION AND POWER CONTROL IN AN AD-HOC WIRELESS NETWORK; 57 pages.						
	Copy of U.S. Serial No. 10/355,503, filed on January 31, 2003; Jason Keith Redi et al.; SYSTEMS AND METHODS FOR ANTENNA SELECTION IN AN AD-HOC WIRELESS NETWORK; 42 pages.						
	Copy of U.S. Serial No. 10/355,311, filed on January 31, 2003; Jason Keith Redi et al.; SYSTEMS AND METHODS FOR DIRECTIONAL ANTENNA POWER CONTROL IN A WIRELESS NETWORK; 53 pages.						
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.